



S.E.I. PROJECT NO. 612	SHEET NO.
CITY OF FRANKLIN ---	1

INDEX OF SHEETS

FUNCTIONAL PLANS

1	TITLE SHEET
2, 2A	TYPICAL SECTIONS
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CITY OF FRANKLIN  
DEPARTMENT OF ENGINEERING  
WILLIAMSON COUNTY

COLUMBIA AVENUE ( U.S. 31 / S.R. 6 )

CITY OF FRANKLIN PROJECT NO.  
FROM: MACK HATCHER MEMORIAL PARKWAY ( S.R. 397 )  
TO: DOWNS BLVD.

ARMY CORPS OF ENGINEERS PERMIT \_\_\_\_\_  
WATER QUALITY PERMIT NO.: \_\_\_\_\_  
T.D.O.T. PERMIT NO.: \_\_\_\_\_  
N.P.D.E.S. PERMIT NO.: \_\_\_\_\_

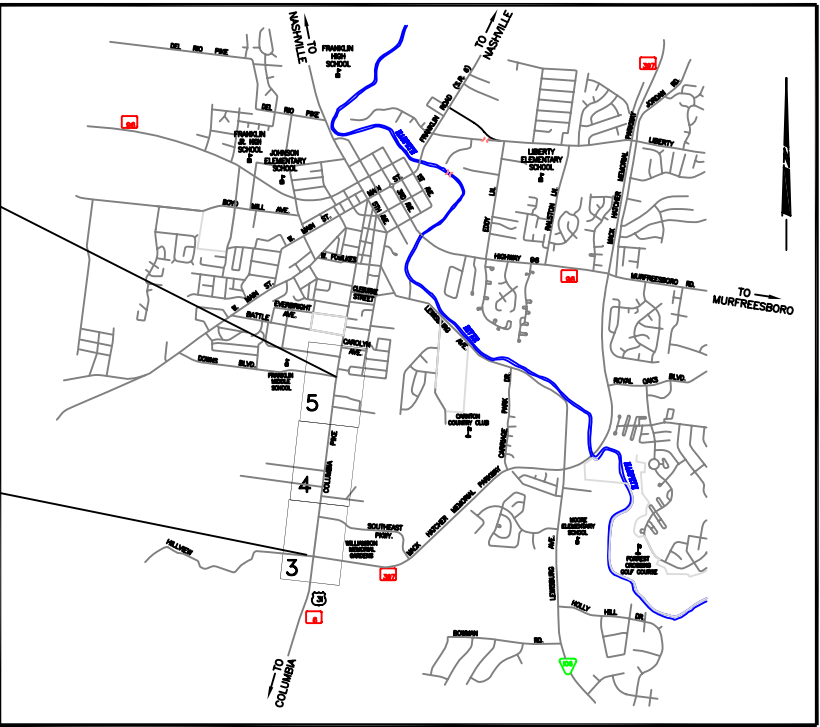
FUNCTIONAL

RIGHT-OF-WAY PLANS ISSUED
CONSTRUCTION PLANS ISSUED

NO EQUATIONS, NO EXCLUSIONS

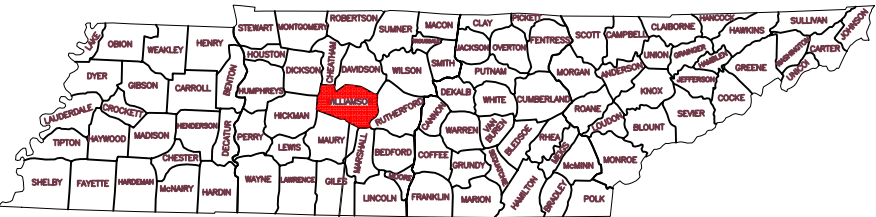
END PROJECT  
DOWNS BLVD.  
STA. 82+25±

BEGIN PROJECT  
MACK HATCHER PKWY.  
STA. 20+40



LOCATION MAP

NOT TO SCALE



PROJECT LOCATION

SPECIAL NOTE

PROPOSALS MAY BE REJECTED BY THE FRANKLIN TRANSPORTATION COMMITTEE IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED: MARCH 1, 2006 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE CONSTRUCTION DOCUMENTS

DESIGNED BY SULLIVAN ENGINEERING, INC.  
DESIGNER RICHARD D. SULLIVAN, P.E.  
CONTACT PAUL V. COLLINS

APPROX. PROJECT LENGTH 6,185 LF

APPROVED BY:

MAYOR, CITY OF FRANKLIN DATE

DIRECTOR OF ENGINEERING, CITY OF FRANKLIN DATE



SULLIVAN ENGINEERING, INC.  
1722B GEN. GEO. PATTON DRIVE  
SUITE 400 BRENTWOOD, TN. 37027

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	07	612	2

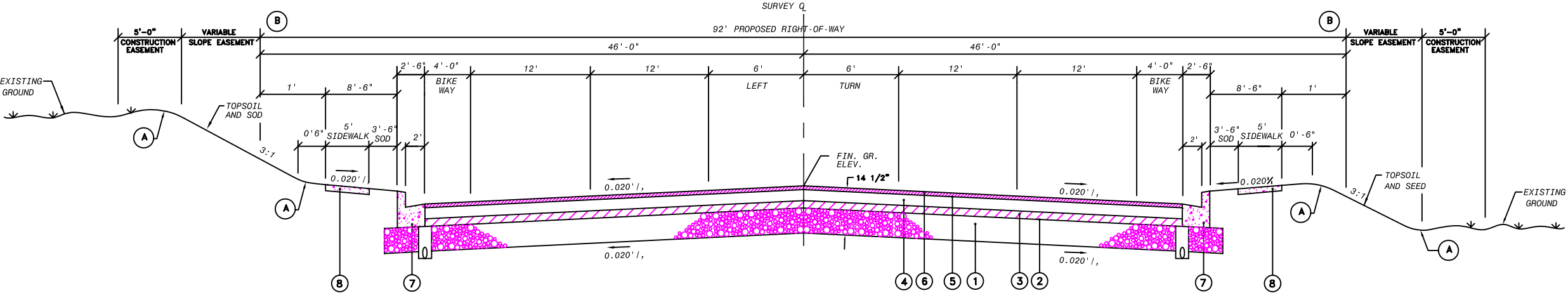
REV. 6-10-05: DELETED PROPOSED 3-LANE TYPICAL SECTION.

REV. 2-27-06: ADDED PROPOSED 4-LANE TYPICAL SECTION.

REV. 9-14-07: REVISED BOTH TYPICAL SECTIONS.

REV. 11-13-07: REVISED BOTH TYPICAL SECTIONS.

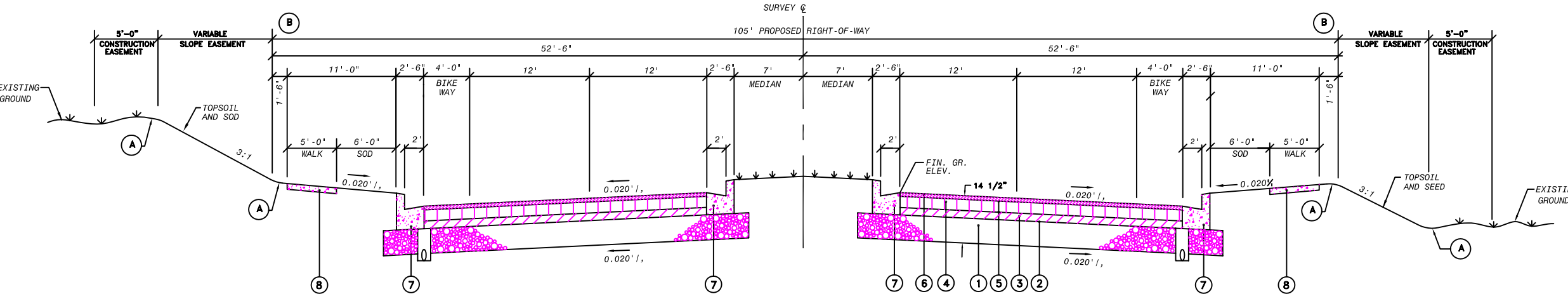
REV. 11-07-08: REMOVED REFERENCES TO MULTIPLE OPTIONS.



COLUMBIA AVENUE (U.S. 31/S.R. 6)  
PROPOSED 5-LANE TYPICAL SECTION ©

(FOR ADDITIONAL DETAILS NOT SHOWN COORDINATE WITH T.D.O.T. ST. DWG. NO. RD-TS-7A)

FROM: Mack Hatcher Parkway (Begin Project) TO: Southeast Parkway  
FROM: Confederate Drive TO: Downs Boulevard



COLUMBIA AVENUE (U.S. 31/S.R. 6)  
PROPOSED 4-LANE W/MEDIAN TYPICAL SECTION ©


(FOR ADDITIONAL DETAILS NOT SHOWN COORDINATE WITH T.D.O.T. ST. DWG. NO. RD-TS-7A)

FROM: Southeast Parkway TO: Alpha Drive

ASSUMED			PAVING SCHEDULE	
T.D.O.T. ITEM NO.	DESCRIPTION		T.D.O.T. ITEM NO.	DESCRIPTION
1 303-01	8" + MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D" (TO BE PLACED IN A MAXIMUM OF TWO EQUAL LIFTS)		5 403-01	BITUMINOUS MATERIAL FOR TACK COAT ( TC ) ( 0.02 GAL./SQ.YD. )
2 402-01	BITUMINOUS MATERIAL FOR PRIME COAT ( PC ) ( 0.30 - 0.35 GAL./SQ. YD. )		6 411-01.01	MINERAL AGGREGATE (ACS) GRADING "D"
402-02	AGGREGATE FOR COVER MATERIAL ( PC ) ( 8 - 12 LB./SQ. YD.)		411-01.02	ASPHALT CEMENT (ACS) GRADING "D" (1 1/2" + THICKNESS, 159 LBS./SQ.YD. )
3 307-03.09	BITUMINOUS PLANT MIX BASE ( HOT MIX ) GRADING A ( 3" + THICKNESS, 345 LBS./SQ. YD.)		7 702-03	CONCRETE COMBINED CURB AND GUTTER ( TYPE 6 - 30 ) (COORDINATE WITH T.D.O.T. STANDARD DRAWING NO. RP-NMC-11)
4 307-03.16	BITUMINOUS PLANT MIX BASE ( HOT MIX ) GRADING "BM-2" ( 2" + 226 LBS./SQ. YD. )		8 701-01.01	CONCRETE SIDEWALK (4")

- NOTES
- A COORDINATE W/STD. DWG. NO. RD-S-11 & RD-S-11A FOR ROUNDING DETAILS.
  - B UTILITIES ARE TO BE LOCATED IN THE OUTERMOST 5'-0" OF THE RIGHT-OF-WAY
  - C COORDINATE WITH FUNCTIONAL LAYOUTS FOR PAVEMENT TRANSITIONS.

THE CITY OF  
**FRANKLIN**

 SULLIVAN ENGINEERING, INC.  
17250 GENE GIBB PATTON DRIVE  
SUITE 400  
BENTWOOD, TENNESSEE 37027

COLUMBIA PIKE  
(U.S. 31 / S.R. 6)

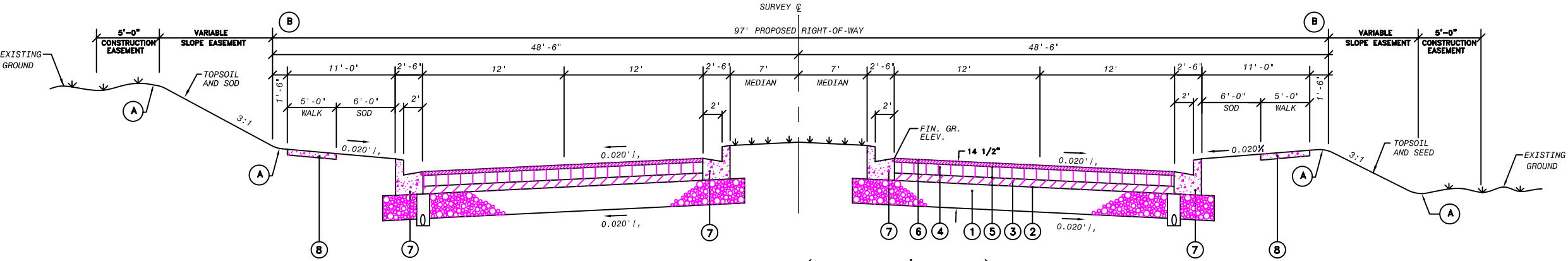
TYPICAL SECTIONS

NOT TO SCALE

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	07	612	2A

REV. 11-13-07: ADDED THIS SHEET TO THE PLANS.

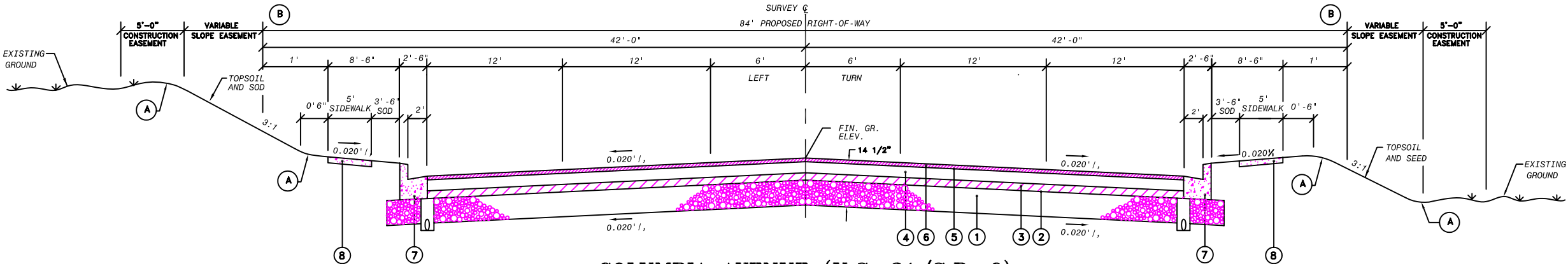
REV. 11-07-08: REMOVED REFERENCES TO MULTIPLE OPTIONS.



**COLUMBIA AVENUE (U.S. 31/S.R. 6)**  
**PROPOSED 4-LANE W/MEDIAN TYPICAL SECTION C**

(FOR ADDITIONAL DETAILS NOT SHOWN COORDINATE WITH T.D.O.T. ST. DWG. NO. RD-TS-7A)

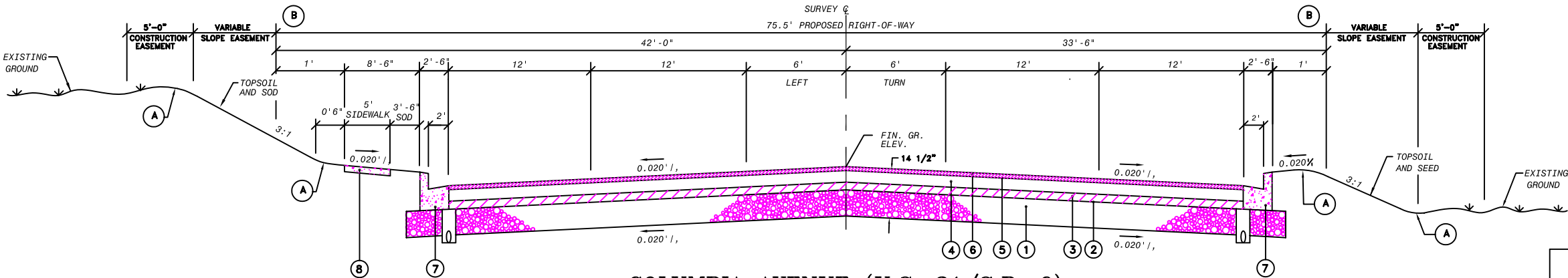
FROM: Alpha Drive TO: Confederate Drive



**COLUMBIA AVENUE (U.S. 31/S.R. 6)**  
**PROPOSED 5-LANE TYPICAL SECTION C**

(FOR ADDITIONAL DETAILS NOT SHOWN COORDINATE WITH T.D.O.T. ST. DWG. NO. RD-TS-7A)

FROM: Confederate Drive TO: James Avenue (End Project)



**COLUMBIA AVENUE (U.S. 31/S.R. 6)**  
**PROPOSED 5-LANE TYPICAL SECTION C**

(FOR ADDITIONAL DETAILS NOT SHOWN COORDINATE WITH T.D.O.T. ST. DWG. NO. RD-TS-7A)

FROM: Confederate Drive TO: James Avenue (End Project)

**NOTES**

- (A) COORDINATE W/STD. DWG. NO. RD-S-11 & RD-S-11A FOR ROUNDING DETAILS.
- (B) UTILITIES ARE TO BE LOCATED IN THE OUTERMOST 5'-0" OF THE RIGHT-OF-WAY
- (C) COORDINATE WITH FUNCTIONAL LAYOUTS FOR PAVEMENT TRANSITIONS.

THE CITY OF  
**FRANKLIN**

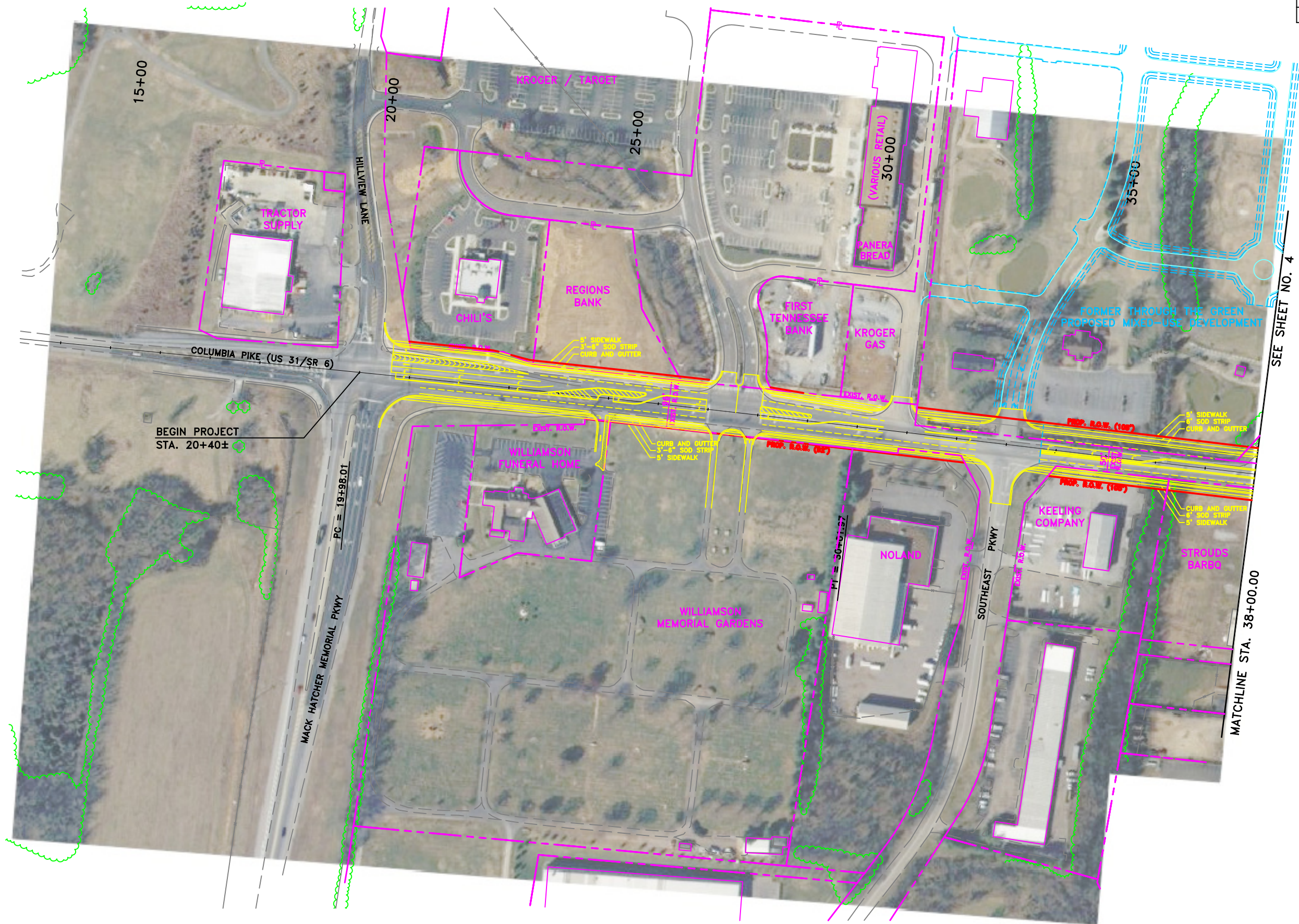
**SEI** SULLIVAN ENGINEERING, INC.  
17500 GEM. CRO. PAVEN DRIVE  
SUITE 400  
BENTONVILLE, TENNESSEE 37027

**COLUMBIA PIKE**  
**(U.S. 31 / S.R. 6)**

**TYPICAL SECTIONS**

**NOT TO SCALE**

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	07	612	3



SEE SHEET NO. 4

MATCHLINE STA. 38+00.00

THE CITY OF  
**FRANKLIN**

**SEI** SULLIVAN ENGINEERING, INC.  
17200 CURE CRO. PARKWAY DRIVE  
SUITE 200  
BENTLEYWOOD, TENNESSEE 37027

**COLUMBIA PIKE  
(U.S. 31 / S.R. 6)**  
FUNCTIONAL LAYOUT  
BEGIN PROJECT TO  
STA. 38+00.00  
SCALE: 1"=100'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	07	612	4



THE CITY OF  
FRANKLIN

SULLIVAN ENGINEERING, INC.  
17000 ONE-ONE-ONE PARKWAY DRIVE  
SUITE 200  
BENTWOOD, TENNESSEE 37027


COLUMBIA PIKE  
(U.S. 31 / S.R. 6)  
FUNCTIONAL LAYOUT  
STA. 38+00.00 TO  
STA. 65+00.00  
SCALE: 1"=100'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	07	612	5

REV. 11-07-08: REMOVED REFERENCES TO MULTIPLE OPTIONS.



THE CITY OF  
FRANKLIN

SULLIVAN ENGINEERING, INC.  
17000 OAK GROVE PARKWAY DRIVE  
SUITE 200  
BRENTWOOD, TENNESSEE 37027

COLUMBIA PIKE  
(U.S. 31 / S.R. 6)

FUNCTIONAL LAYOUT  
STA. 65+00.00 TO  
END PROJECT  
SCALE: 1"=100'